Obtaining condensate formation data

- Excellent reproducibility allows complete data sets to be formed by interleaving 4 pt scans depicted below.
- Good frequency and time resolution.

Hydrogen condensate specifics

Peak Density $\gg n_{cr}$
Condensate Fraction $\sim 3\%$

Density $n_{cr} \sim 1.5 \times 10^{14}$ cm$^{-3}$
Transition $T \sim 40 \mu K$